

$$0.99 \times 100 = 99 \Rightarrow i + 1 = 100 \Rightarrow P_{0.99,3} = X_{[100]} = 147 \mu\text{g} / \text{m}^3$$

c. 1. Using Equation 12, the 3-year average 99th percentile is calculated as follows:

$$\frac{128 + 50 + 147}{3} = 141.7 \mu\text{g} / \text{m}^3 \text{ rounds to } 140 \mu\text{g} / \text{m}^3.$$

2. Therefore, this site meets the 24-hour PM₁₀ standard.

[62 FR 38755, July 18, 1997]

PART 51—REQUIREMENTS FOR PREPARATION, ADOPTION, AND SUBMITTAL OF IMPLEMENTATION PLANS

Sec.

Subpart A—Emission Inventory Reporting Requirements

GENERAL INFORMATION FOR INVENTORY PREPARERS

- 51.1 Who is responsible for actions described in this subpart?
- 51.5 What tools are available to help prepare and report emissions data?
- 51.10 How does my State report emissions that are required by the NO_x SIP Call?

SPECIFIC REPORTING REQUIREMENTS

- 51.15 What data does my State need to report to EPA?
- 51.20 What are the emission thresholds that separate point and area sources?
- 51.25 What geographic area must my State's inventory cover?
- 51.30 When does my State report the data to EPA?
- 51.35 How can my State equalize the effort for annual reporting?
- 51.40 In what form should my State report the data to EPA?
- 51.45 Where should my State report the data?

APPENDIX A TO SUBPART A OF PART 51—TABLES AND GLOSSARY

APPENDIX B TO SUBPART A OF PART 51 [RESERVED]

Subparts B–E [Reserved]

Subpart F—Procedural Requirements

- 51.100 Definitions.
- 51.101 Stipulations.

- 51.102 Public hearings.
- 51.103 Submission of plans, preliminary review of plans.
- 51.104 Revisions.
- 51.105 Approval of plans.

Subpart G—Control Strategy

- 51.110 Attainment and maintenance of national standards.
- 51.111 Description of control measures.
- 51.112 Demonstration of adequacy.
- 51.113 [Reserved]
- 51.114 Emissions data and projections.
- 51.115 Air quality data and projections.
- 51.116 Data availability.
- 51.117 Additional provisions for lead.
- 51.118 Stack height provisions.
- 51.119 Intermittent control systems.
- 51.120 Requirements for State Implementation Plan revisions relating to new motor vehicles.
- 51.121 Findings and requirements for submission of State implementation plan revisions relating to emissions of oxides of nitrogen.
- 51.122 Emissions reporting requirements for SIP revisions relating to budgets for NO_x emissions.

Subpart H—Prevention of Air Pollution Emergency Episodes

- 51.150 Classification of regions for episode plans.
- 51.151 Significant harm levels.
- 51.152 Contingency plans.
- 51.153 Reevaluation of episode plans.

Subpart I—Review of New Sources and Modifications

- 51.160 Legally enforceable procedures.
- 51.161 Public availability of information.
- 51.162 Identification of responsible agency.
- 51.163 Administrative procedures.
- 51.164 Stack height procedures.
- 51.165 Permit requirements.
- 51.166 Prevention of significant deterioration of air quality.

Pt. 51

40 CFR Ch. I (7–1–04 Edition)

Subpart J—Ambient Air Quality Surveillance

- 51.190 Ambient air quality monitoring requirements.

Subpart K—Source Surveillance

- 51.210 General.
51.211 Emission reports and recordkeeping.
51.212 Testing, inspection, enforcement, and complaints.
51.213 Transportation control measures.
51.214 Continuous emission monitoring.

Subpart L—Legal Authority

- 51.230 Requirements for all plans.
51.231 Identification of legal authority.
51.232 Assignment of legal authority to local agencies.

Subpart M—Intergovernmental Consultation

AGENCY DESIGNATION

- 51.240 General plan requirements.
51.241 Nonattainment areas for carbon monoxide and ozone.
51.242 [Reserved]

Subpart N—Compliance Schedules

- 51.260 Legally enforceable compliance schedules.
51.261 Final compliance schedules.
51.262 Extension beyond one year.

Subpart O—Miscellaneous Plan Content Requirements

- 51.280 Resources.
51.281 Copies of rules and regulations.
51.285 Public notification.

Subpart P—Protection of Visibility

- 51.300 Purpose and applicability.
51.301 Definitions.
51.302 Implementation control strategies for reasonably attributable visibility impairment.
51.303 Exemptions from control.
51.304 Identification of integral vistas.
51.305 Monitoring for reasonably attributable visibility impairment.
51.306 Long-term strategy requirements for reasonably attributable visibility impairment.
51.307 New source review.
51.308 Regional haze program requirements.
51.309 Requirements related to the Grand Canyon Visibility Transport Commission.

Subpart Q—Reports

AIR QUALITY DATA REPORTING

- 51.320 Annual air quality data report.

SOURCE EMISSIONS AND STATE ACTION REPORTING

- 51.321 Annual source emissions and State action report.
51.322 Sources subject to emissions reporting.
51.323 Reportable emissions data and information.
51.324 Progress in plan enforcement.
51.326 Reportable revisions.
51.327 Enforcement orders and other State actions.
51.328 [Reserved]

Subpart R—Extensions

- 51.341 Request for 18-month extension.

Subpart S—Inspection/Maintenance Program Requirements

- 51.350 Applicability.
51.351 Enhanced I/M performance standard.
51.352 Basic I/M performance standard.
51.353 Network type and program evaluation.
51.354 Adequate tools and resources.
51.355 Test frequency and convenience.
51.356 Vehicle coverage.
51.357 Test procedures and standards.
51.358 Test equipment.
51.359 Quality control.
51.360 Waivers and compliance via diagnostic inspection.
51.361 Motorist compliance enforcement.
51.362 Motorist compliance enforcement program oversight.
51.363 Quality assurance.
51.364 Enforcement against contractors, stations and inspectors.
51.365 Data collection.
51.366 Data analysis and reporting.
51.367 Inspector training and licensing or certification.
51.368 Public information and consumer protection.
51.369 Improving repair effectiveness.
51.370 Compliance with recall notices.
51.371 On-road testing.
51.372 State Implementation Plan submissions.
51.373 Implementation deadlines.
APPENDIX A TO SUBPART S—CALIBRATIONS, ADJUSTMENTS AND QUALITY CONTROL
APPENDIX B TO SUBPART S—TEST PROCEDURES
APPENDIX C TO SUBPART S—STEADY-STATE SHORT TEST STANDARDS
APPENDIX D TO SUBPART S—STEADY-STATE SHORT TEST EQUIPMENT

Environmental Protection Agency

§51.5

APPENDIX E TO SUBPART S—TRANSIENT TEST DRIVING CYCLE

Subpart T—Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 U.S.C. or the Federal Transit Laws

51.390 Implementation plan revision.

Subpart U—Economic Incentive Programs

51.490 Applicability.

51.491 Definitions.

51.492 State program election and submittal.

51.493 State program requirements.

51.494 Use of program revenues.

Subpart W—Determining Conformity of General Federal Actions to State or Federal Implementation Plans

51.850 Prohibition.

51.851 State Implementation Plan (SIP) revision.

51.852 Definitions.

51.853 Applicability.

51.854 Conformity analysis.

51.855 Reporting requirements.

51.856 Public participation.

51.857 Frequency of conformity determinations.

51.858 Criteria for determining conformity of general Federal actions.

51.859 Procedures for conformity determinations of general Federal actions.

51.860 Mitigation of air quality impacts.

Subpart X—Provisions for Implementation of 8-hour Ozone National Ambient Air Quality Standard

51.900 Definitions.

51.901 Applicability of part 51.

51.902 Which classification and area planning provisions of the CAA shall apply to areas designated nonattainment for the 8-hour NAAQS?

51.903 How do the classification and attainment date provisions in section 181 of subpart 2 of the CAA apply to areas subject to §51.902(a)?

51.904 How do the classification and attainment date provisions in section 172(a) of subpart 1 of the CAA apply to areas subject to §51.902(b)?

51.905 How do areas transition from the 1-hour NAAQS to the 8-hour NAAQS and what are the anti-backsliding provisions?

51.906 [Reserved]

51.907 For an area that fails to attain the 8-hour NAAQS by its attainment date, how does EPA interpret sections 172(a)(2)(C)(ii) and 181(a)(5)(B) of the CAA?

51.908 What is the required timeframe for obtaining emission reductions to ensure attainment by the attainment date?

51.909—51.916 [Reserved]

APPENDIXES A-K TO PART 51 [RESERVED]

APPENDIX L TO PART 51—EXAMPLE REGULATIONS FOR PREVENTION OF AIR POLLUTION EMERGENCY EPISODES

APPENDIX M TO PART 51—RECOMMENDED TEST METHODS FOR STATE IMPLEMENTATION PLANS

APPENDIXES N-O TO PART 51 [RESERVED]

APPENDIX P TO PART 51—MINIMUM EMISSION MONITORING REQUIREMENTS

APPENDIXES Q-R TO PART 51 [RESERVED]

APPENDIX S TO PART 51—EMISSION OFFSET INTERPRETATIVE RULING

APPENDIXES T-U TO PART 51 [RESERVED]

APPENDIX V TO PART 51—CRITERIA FOR DETERMINING THE COMPLETENESS OF PLAN SUBMISSIONS

APPENDIX W TO PART 51—GUIDELINE ON AIR QUALITY MODELS

APPENDIX X TO PART 51—EXAMPLES OF ECONOMIC INCENTIVE PROGRAMS

AUTHORITY: 23 U.S.C. 101; 42 U.S.C. 7401-7671q.

SOURCE: 36 FR 22398, Nov. 25, 1971, unless otherwise noted.

Subpart A—Emission Inventory Reporting Requirements

SOURCE: 67 FR 39611, June 10, 2002, unless otherwise noted.

GENERAL INFORMATION FOR INVENTORY PREPARERS

§51.1 Who is responsible for actions described in this subpart?

State agencies whose geographic coverage include any point, area, mobile, or biogenic sources must inventory these sources and report this information to EPA.

§51.5 What tools are available to help prepare and report emissions data?

We urge your State to use estimation procedures described in documents from the Emission Inventory Improvement Program (EIIP). These procedures are standardized and ranked according to relative uncertainty for each emission estimating technique. Using this guidance will enable others to use your State's data and evaluate its quality and consistency with other data.